

What is claimed is:

1. An information recording/reproduction apparatus utilizing near field light, comprising:

a light source;

a suspension arm;

a flexure fixed to said suspension arm;

a near field optical head having a minute aperture formed therein;

a substantially rod-like optical waveguide having a core and a clad;

a reflection surface formed on the side of one of the end faces of said optical waveguide, for irradiating light to said near field optical head;

a light reception portion; and

a recording medium;

wherein a lens function for a head is formed on the surface of said near field optical head different from the surface of said minute aperture, and a core end face is formed at an intermediate part of said optical waveguide.

2. An information recording/reproduction apparatus according to claim 1, wherein said reflection surface is a plane having an angle of about 45 degrees to said core of said optical waveguide.

3. An information recording/reproduction apparatus according to claim 1, which further includes a lens function

on said core end face.

4. An information recording/reproduction apparatus according to claim 1, wherein said reflection surface is a plane such that an expansion angle of a luminous flux outgoing from said core end face becomes greater when reflected by said reflection surface.

5. An information recording/reproduction apparatus according to claim 2, wherein said reflection surface is a plane such that an expansion angle of a luminous flux outgoing from said core end face becomes greater when reflected by said reflection surface.

6. An information recording/reproduction apparatus according to claim 3, wherein said reflection surface is a plane such that an expansion angle of a luminous flux outgoing from said core end face becomes greater when reflected by said reflection surface.

7. An information recording/reproduction apparatus according to claim 1, wherein said optical waveguide includes said flexure, too.

8. An information recording/reproduction apparatus according to claim 1, wherein a Fresnel lens accomplishes said lens function for a head.

9. An information recording/reproduction apparatus according to claim 1, wherein said optical waveguide is an optical fiber having a transparent layer having said

reflection surface.